

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence involving the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 09/08/2004

James M Durlacher
Woodard Emhardt Naughton Moriarty and McNett
Bank One Center/Tower Suite 3700
111 Monument Circle
Indianapolis, IN 46204-5137
12/14/2004 MMFKDNF1 00000061 09585061

01 FC:1506 1370.00 OP

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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

James M. Durlacher	(Depositor's name)
James M. Durlacher	(Signature)
December 8, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/585,061	06/01/2000	Samuel M.D. Norville	9105-3/JMD	5737

TITLE OF INVENTION: APPARATUS FOR AND METHOD OF PRODUCING ON-DEMAND SEMI-SOLID MATERIAL FOR CASTINGS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	12/08/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
DUNN, THOMAS G	1725	164-113000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

WOODARD EMHARDT, MORIARTY,

1 McNETT & HENRY LLP
2 BANK ONE CENTER TOWER
3 111 MONUMENT CIRCLE, SUITE 3700
INDIANAPOLIS, INDIANA 46204-5137

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

40 00 0000 13000000 13HOKEM 00514151 12/14/2004 MMKONE1 00000062 233030 09585061

AEMP Corporation 40 00.051 40 00.051 Jackson, Tennessee 01 FC:1501 30.00 DA 1370.00 OP

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

- Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-3080 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature James M. Durlacher
Typed or printed name James M. Durlacher

Date December 8, 2004
Registration No. 28,840

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
Effective on 10/01/2004. Patent fees are subject to annual revision.

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
1370

Complete if Known

Application Number	09/585,061
Filing Date	06/01/2000
First Named Inventor	Samuel M.D. Norville
Examiner Name	Dunn, Thomas G.
Art Unit	1725
Attorney Docket No.	9105-3

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order

Deposit Account None

Deposit Account Number
23-3030
Deposit Account Name
Woodard, Emhardt et al

The Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below
- Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- Credit any overpayments

to the above-identified deposit account.

Other (please identify): _____

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FEE CALCULATION

1. BASIC FILING FEE

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	_____
Design Filing Fee	350	175	_____
Plant Filing Fee	550	275	_____
Reissue Filing Fee	790	395	_____
Provisional Filing Fee	160	80	_____

Subtotal (1) \$

FEE CALCULATION (continued)

2. EXTRA CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
- 20 or HP = _____ x _____ = _____
HP = highest number of total claims paid for, if greater than 20

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
- 3 or HP = _____ x _____ = _____
HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims **Fee (\$)** **Fee Paid (\$)**

Subtotal (2) \$

3. OTHER FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
1-month extension of time	110	55	_____
2-month extension of time	430	215	_____
3-month extension of time	980	490	_____
4-month extension of time	1,530	765	_____
5-month extension of time	2,080	1,040	_____
Information disclosure stmt. fee	180	180	_____
37 CFR 1.17(q) processing fee	50	50	_____
Non-English specification	130	130	_____
Notice of Appeal	340	170	_____
Filing a brief in support of appeal	340	170	_____
Request for oral hearing	300	150	_____
Other: <u>Issue Fee</u>			<u>1370</u>

Subtotal (3) \$ 1370.00

SUBMITTED BY

Signature	James M. Durlacher	Registration No. (Attorney/Agent) 28,840	Telephone (317) 634-3456
Name (Print/Type)	James M. Durlacher		Date Dec. 8, 2004

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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WOODARD, EMHARDT, MARIARTY, MCNETT & HENRY LLP

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December 8, 2004

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Sir:

The enclosed PTO-2038 form authorizes the issue fee payment in the amount and manner set forth to be charged to American Express Card number stated on said form. Please charge any additional fees which may be due or credit any overpayments to deposit account No. 23-3030.

- Issue fee due on Samuel M.D. Norville application, Serial No. 09/585,061 entitled APPARATUS FOR AND METHOD OF PRODUCING ON-DEMAND SEMI-SOLID MATERIAL FOR CASTINGS - see attached sheet.

\$ 1370.00

TOTAL BALANCE TO BE PAID:

\$ 1370.00

Sincerely,

Kari K. Woehler

lds
Enclosures

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 8, 2004.

James M. Durlacher
Name of Registered Representative

Signature
December 8, 2004

Date of Signature